

**DLA Land and Maritime - VQ**  
**Supplemental Information Sheet for Electronic QPL-55110**

**Date: 5/23/2013**

**Specification Details:**

Specification: MIL-PRF-55110  
Title: Printed Wiring Board, Rigid  
Federal Supply Class (FSC): 5998  
Conventional: Yes  
Specification contains quality assurance program: No  
MIL-STD-790 Established Reliability & High Reliability: No  
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No  
Weibull Graded: No  
Specification contains space level reliability requirements: No  
Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Electronic Devices Branch, DLA Land and Maritime - VQE  
Primary Qualifying Activity Contact: 614-692-0627, e-mail: vqe.ls@dla.mil

**Notes:**

Effective 31 December 1998, MIL-PRF-55110 has been declared "Inactive for New Design." For new design, use MIL-PRF-31032. This is applicable on all acquisitions to which MIL-PRF-55110 is applied.

Extent of Qualification Qualification of a particular board type shall be extended to cover all conductor patterns of that same board type produced. Qualification of type 3 boards shall be extended to cover type 1 and type 2 boards. Qualification of type 2 boards shall be extended to cover type 1 boards. Qualification with type GF base material shall be extended to cover types GB and GH base materials. Qualification with type GR base material shall be extended to cover type GP base material. Qualification with type GY base material shall be extended to cover types GT and GX base materials. Qualification with type SC base material shall be extended to cover type GC base material. Qualification with type GX base material shall be extended to cover type GT base material. Qualification with types AF, BF, GB, GC, GH, GI, GM, or QI base material shall cover that material only.

a. The last six digits of the Qualification Reference Number (QRN) is the qualification expiration date in "mmddyy" format (e.g. 55110-1234-042211 expires on April 22, 2011).

b. An asterisk (\*) adjacent to the QRN denotes that the product was tested for and meets the etchback requirements.

c. An exclamation (!) adjacent to the QRN denotes qualification through Appendix B of MIL-PRF-55110. There is no qualification expiration date. See QML-31032 for detailed information about this company's capabilities.

d. A pound sign (#) adjacent to the QRN denotes that the qualification vehicle was built using foil lamination technology. The specimen was tested for and meets peel strength requirements.

**Base Material:**

AF - Aramid Fabric, Woven, Majority Polyfunctional Epoxy Resin  
BF - Aramid Fabric, Nonwoven, Epoxy Resin  
BI - Aramid Fabric, Nonwoven, Polyimide Resin  
GB - Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention  
GC - Glass Base, Woven E, Reinforcement, Majority Cyanate Ester, Flame Resistant  
GF - Glass Base, Woven, Majority Difunctional Epoxy Resin, Flame Resistant  
GH - Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention, Flame Resistant  
GI - Glass Base, Woven, Polyimide Resin, Heat Resistant  
GM - Glass Base, Woven, Triazine and/or Bismaleimide Modified Epoxy Resin, Flame Resistant  
GR - Glass Base, Nonwoven, Polytetrafluoroethylene Resin, Flame Resistant  
GX - Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant  
GY - Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant, for Microwave Application  
QI - Quartz Base, Woven, Polyimide Resin, Heat Resistant  
SC - Glass Base, Woven S-2, Fiber, Majority Cyanate Ester, Flame Resistant

**Part Configuration:**

Listed by classification type and base material.

**PART LISTINGS**

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)		QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)		QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
AF TYPE 3			BI TYPE 3		
Lockheed Martin Mission Systems & Training		55110-31032!*	Firan Technology Group		55110-31032!*
TTM Technologies (Stafford)		55110-31032!	FTG Circuits, Inc.		55110-3015-042814
BI TYPE 3			Lockheed Martin Mission Systems & Training		55110-31032!
DDi North Jackson Corp.		55110-31032!*#	Sovereign Circuits, Inc.		55110-31032!*

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<b>BI TYPE 3</b>		<b>GF TYPE 3</b>	
TTM Technologies (Santa Clara)	55110-31032!*	Hans Brockstedt GmbH	55110-31032!*
TTM Technologies (Stafford)	55110-31032!*	Holaday Circuits, Inc.	55110-2855-062213*#
<b>GF TYPE 1 TYPE 3</b>		Hughes Circuits	55110-31032!
OK Print Corp.	55110-3390-032915	IMI, Inc.	55110-2979-091413
<b>GF TYPE 3</b>		Integrated Technology, Ltd. (ITL) Circuits	55110-3178-041514*#
A & C Electronics	55110-2235-052814*#	KCA Electronics, Inc.	55110-31032!*#
AC Universal Circuits LLC	55110-31032!*#	Lazer-Tech, Ltd.	55110-3147-080114*#
Accurate Circuit Engineering	55110-31032!*	Lockheed Martin Mission Systems & Training	55110-31032!*
Accurate Engineering Corp.	55110-2921-110913*#	Metaplast Circuits, Ltd.	55110-3113-040714*
Advanced Circuits - Tempe Division	55110-31032*#	Micom Corp.	55110-31032!
Advanced Circuits, Inc.	55110-3626-050115*#	Micropack, Ltd.	55110-3581-091915*#
American Standard Circuits	55110-31032!*#	Midwest Printed Circuits Services	55110-31032!*#
Amphenol Printed Circuits	55110-31032!*#	Multicircuits, Inc.	55110-3319-110814*#
Aselsan Military Electronics Industries, Inc.	55110-3014-041414	Multilayer Technology-JVB Electronics	55110-3180-052614*#
Bare Board Group Silicon Valley (BBG-SV)	55110-3525-071315*#	Murrietta Circuits, Inc.	55110-3351-062115*#
Calumet Electronics Corp.	55110-31032!*	Netvia Group, LLC	55110-3401-051615*#
Circuit Connect, Inc.	55110-2982-101213*#	North Texas Circuit Board	55110-3064-021715*#
Circuit-Tech, Inc.	55110-3372-032915#	PCB Technologies	55110-3586-092115*#
Cirexx International, Inc.	55110-31032!*#	Pho-Tronics, Inc.	55110-3365-021715*#
Cirtech, Inc.	55110-3124-040514*	Pioneer Circuits, Inc.	55110-31032!*#
Colonial Circuits, Inc.	55110-31032!*#	PNC, Inc.	55110-31032!#
Compunetics, Inc.	55110-31032!	Printca Denmark A-S	55110-2308-122014#
Cosmotronic	55110-31032!*#	Pro-Tech Interconnect Solutions LLC	55110-31032!*#
DDi Cleveland Corp.	55110-31032!#	Prototron Circuits Southwest, Inc.	55110-3638-110515*
DDi Denver Corp.	55110-31032!*#	RJR Circuits, Inc.	55110-3494-072415*#
DDi Global Corp. - Anaheim	55110-31032!*#	Rockwell Collins	55110-2591-121715*#
DDi Global Corp. - Sterling, VA	55110-31032!*	Sanmina-SCI (Costa Mesa)	55110-31032!*#
DDi Milpitas Corp.	55110-31032!*#	Sanmina-SCI, Owego	55110-31032!*#
DDi North Jackson Corp.	55110-31032!*#	Sanmina-SCI, San Jose	55110-31032!*#
DDi Toronto	55110-31032!	Sierra Proto Express	55110-2949-101313*#
Delta-DVH Circuits	55110-2782-032513*#	South Coast Circuits	55110-3158-080114*#
Dynamic and Proto Circuits, Inc.	55110-31032!*	Speedy Circuits, Inc.	55110-31032!*#
Electro Plate Circuitry, Inc.	55110-31032!*#	Thales Nederland B.V.	55110-3038-051614#
Electrotek Corp.	55110-31032!	TTM Technologies (Santa Ana)	55110-31032!*#
Elreha Printed Circuits Corp.	55110-2969-011914*#	TTM Technologies (Santa Clara)	55110-31032!*#
Eltek, Ltd.	55110-IL0111-082814#	TTM Technologies (Stafford)	55110-31032!*
Endicott Interconnect Technologies, Inc.	55110-31032!*#	U.S. Circuit, Inc.	55110-3541-070315*
Firan Technology Group	55110-31032!*	Unicircuit, Inc.	55110-31032*
Flexible Circuits, Inc.	55110-2883-070813*	Valley Syncom Circuits	55110-3319-101814*#
FTG Circuits, Inc.	55110-31032!	Vermont Circuits, Inc.	55110-31032!*#
Global Innovations Corp.	55110-31032!*#	Viasystems Corp. (CA)	55110-31032!*#
Graphic Plc	55110-31032!#	Viasystems Corp. (OR)	55110-31032!#*
Graphic Research, Inc.	55110-3060-030914*#	Westak of Oregon	55110-31032*#
Hamby Corp.	55110-31032*	WR-ALC/MAIPL	55110-3368-100415*

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<b>GI TYPE 3</b>		<b>GI TYPE 3</b>	
AC Universal Circuits LLC	55110-31032!*	Multilayer Technology-JVB Electronics	55110-3181-060614*#
Accurate Engineering Corp.	55110-3300-010615*#	Murrietta Circuits, Inc.	55110-3727-041516*#
Advanced Circuits - Tempe Division	55110-31032*#	Netvia Group, LLC	55110-3249-080314*#
American Standard Circuits	55110-31032!*	North Texas Circuit Board	55110-3065-021715*#
Amphenol Printed Circuits	55110-31032!*	Pho-Tronics, Inc.	55110-3554-031316*#
Aselsan Military Electronics Industries, Inc.	55110-3015-041414	Pioneer Circuits, Inc.	55110-31032!*
Bare Board Group Silicon Valley (BBG-SV)	55110-3524-071315*#	Printca Denmark A-S	55110-3689-051316
Calumet Electronics Corp.	55110-31032*#	Pro-Tech Interconnect Solutions LLC	55110-31032!*
CIMULEC	55110-2756-051813#	RJR Circuits, Inc.	55110-3495-072415*#
Circuit Connect, Inc.	55110-3406-030815*#	Sanmina-SCI (Costa Mesa)	55110-31032!*
Cirexx International, Inc.	55110-31032!*	Sanmina-SCI, Owego	55110-31032!*
Cirtech, Inc.	55110-3748-042216*	Sanmina-SCI, San Jose	55110-31032!*
Colonial Circuits, Inc.	55110-31032!*	Sierra Proto Express	55110-2950-010414*#
Cosmotronic	55110-31032!*	Speedy Circuits, Inc.	55110-31032!*
DDi Cleveland Corp.	55110-31032!*	Streamline Circuits	55110-3395-070515
DDi Denver Corp.	55110-31032!*	Thales Nederland B.V.	55110-3037-032114#
DDi Global Corp. - Anaheim	55110-31032!*	TTM Technologies (Santa Ana)	55110-31032!*
DDi Global Corp. - Sterling, VA	55110-31032!*	TTM Technologies (Santa Clara)	55110-31032!*
DDi Milpitas Corp.	55110-31032!*	TTM Technologies (Stafford)	55110-31032!*
DDi North Jackson Corp.	55110-31032!*	U.S. Circuit, Inc.	55110-3045-072114*#
DDi Toronto	55110-31032!*	Unicircuit, Inc.	55110-31032!*
Dynamic and Proto Circuits, Inc.	55110-31032!*	Valley Syncom Circuits	55110-3402-053015*#
Electro Plate Circuitry, Inc.	55110-31032!*	Viasystems Corp. (CA)	55110-31032!#
Electrotek Corp.	55110-31032!	Viasystems Corp. (OR)	55110-31032!#*
Elreha (St. Petersburg)	55110-2986-052414*#	Westak of Oregon	55110-31032*#
Eltek, Ltd.	55110-IL0509-061113		
Endicott Interconnect Technologies, Inc.	55110-31032!*	<b>GM TYPE 3</b>	
Firan Technology Group	55110-31032!*	Amphenol Printed Circuits	55110-31032!
Flexible Circuits, Inc.	55110-2884-091613*	Firan Technology Group	55110-31032!*
FTG Circuits, Inc.	55110-3047-102913*#	TTM Technologies (Stafford)	55110-31032!
Global Innovations Corp.	55110-31032!*	<b>GR TYPE 2</b>	
Graphic Plc	55110-31032!*	Global Innovations Corp.	55110-31032!
Graphic Research, Inc.	55110-3059-030914*#	Graphic Research, Inc.	55110-2881-062113
Hamby Corp.	55110-31032*	Speedy Circuits, Inc.	55110-31032!
Hans Brockstedt GmbH	55110-31032!*	<b>GY TYPE 2</b>	
Holaday Circuits, Inc.	55110-2856-062213*#	Colonial Circuits, Inc.	55110-31032!
Hughes Circuits	55110-31032!	Global Innovations Corp.	55110-31032!
Integrated Technology, Ltd. (ITL) Circuits	55110-3747-092615*#	Graphic Research, Inc.	55110-2880-062113
Johns Hopkins University	55110-2998-092313	Rockwell Collins	55110-2928-122013
KCA Electronics, Inc.	55110-31032!*	Speedy Circuits, Inc.	55110-31032!
Lockheed Martin Mission Systems & Training	55110-31032!*	<b>GY TYPE 3</b>	
Metaplast Circuits, Ltd.	55110-3114-040714*	Electro Plate Circuitry, Inc.	55110-31032!*
Micom Corp.	55110-31032!*	<b>With or Without Woven or Non-Woven E-Glass, Polytetrafluoroethylene (PTFE) Resin, Ceramic Filler TYPE 3</b>	
Micropack, Ltd.	55110-2963-041914	Electro Plate Circuitry, Inc.	55110-31032!*
Midwest Printed Circuits Services	55110-31032!*		

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## **With or Without Woven or Non-Woven E-Glass, Polytetrafluoroethylene (PTFE) Resin, Ceramic Filler TYPE 3**

Sanmina-SCI, San Jose	55310-31032!
Speedy Circuits, Inc.	55110-31032!
TTM Technologies (Stafford)	55110-31032!*

## **Woven Glass Reinforced, Hydrocarbon Resin with Ceramic Fill TYPE 2**

DDi Global Corp. - Sterling, VA	55110-31032!
Sanmina-SCI, San Jose	55110-31032!

## **Woven Glass Reinforced, Hydrocarbon Resin with Ceramic Fill TYPE 3**

AC Universal Circuits LLC	55110-31032!*#
Amphenol Printed Circuits	55110-31032!*
Colonial Circuits, Inc.	55110-31032!*
Cosmotronic	55110-31032!*
Delta Circuits, Inc.	55110-2671-101513
Sierra Proto Express	55110-3468-061915*#
Speedy Circuits, Inc.	55110-31032!
TTM Technologies (Santa Clara)	55110-31032!
TTM Technologies (Stafford)	55110-31032!*
Viasystems Corp. (OR)	55110-31032!*#

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**Manufacturer and Supplier Location Information**

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**Manufacturer: A & C Electronics (CAGE Code: 65812)**

Location: 18153 Napa Street, Northridge, CA 91325, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: AC Universal Circuits LLC (CAGE Code: 45032)**

Location: 8860 Zachary Lane North, Maple Grove, MN 55369, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Accurate Circuit Engineering (CAGE Code: 0MNN9)**

Location: 3019 S. Kilson Drive, Santa Ana, CA 92707, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Accurate Engineering Corp. (CAGE Code: 1W538)**

Location: 8710 TelFair Avenue, Sun Valley, CA 91352-2530, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Advanced Circuits - Tempe Division (CAGE Code: 6RJS1)**

Location: 229 S. Clark Drive, Tempe, AZ 85281-3073, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Advanced Circuits, Inc. (CAGE Code: 07HT7)**

Location: 21101 E. 32nd Parkway, Aurora, CO 81100-8149,

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: American Standard Circuits (CAGE Code: 4AA34)**

Location: RF Division, 475 Industrial Drive, West Chicago, IL 60185, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Amphenol Printed Circuits (CAGE Code: 57034)**

Location: 91 Northeastern Boulevard, Nashua, NH 03062, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Aselsan Military Electronics Industries, Inc. (CAGE Code: T4238)**

Location: P.O. Box 101, 06172 Yenimahalle, Ankara, Turkey

Plants:

1. Aselsan Military Electronics Industries, Inc., Macunkoy, Ankara, Turkey

**Manufacturer: Bare Board Group Silicon Valley (BBG-SV) (CAGE Code: 55536)**

Location: 2921 Corvin Drive, Santa Clara, CA 95051-0705, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Calumet Electronics Corp. (CAGE Code: 65337)**

Location: 25830 Depot Street, Calumet, MI 49913-1985, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: CIMULEC (CAGE Code: 0YWU1)**

Location: Z.I. Les Jonquieres, 57365 ENNERY, France

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Circuit Connect, Inc. (CAGE Code: 3JDJ7)**

Location: 4 State Street, Nashua, NH 03063, US

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Circuit Connect, Inc. (CAGE Code: 3JDJ7)**

Location: 4 State Street, Nashua, NH 03063, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Circuit-Tech, Inc. (CAGE Code: L4387)**

Location: 399 Denison Street, Markham, Ontario, Canada L3R 1B7

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Cirexx International, Inc. (CAGE Code: 4MEG7)**

Location: 791 Nuttman Street, Santa Clara, CA 95054, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Cirtech, Inc. (CAGE Code: 8K616)**

Location: 250 E. Emerson Avenue, Orange, CA 92665, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Colonial Circuits, Inc. (CAGE Code: 6T499)**

Location: 1026 Warrentown Road, Fredericksburg, VA 22406-6200, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Compunetics, Inc. (CAGE Code: 30598)**

Location: 700 Seco Road, Monroeville, PA 15146, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Cosmotronic, Inc. (CAGE Code: 63695)**

Location: 16721 Noyes Avenue, Irvine, CA 92606-5176, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: DDi Cleveland Corp. (CAGE Code: 7Z463)**

Location: 7 Ascot Parkway, Cuyahoga Falls, OH 44223, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: DDi Denver Corp. (CAGE Code: 75815)**

Location: 10570 Bradford Road, Littleton, CO 80127-4211, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: DDi Global Corp. - Anaheim (CAGE Code: 0BSG1)**

Location: 1220 N. Simon Circle, Anaheim, CA 92806, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: DDi Global Corp. - Sterling, VA (CAGE Code: 0K703)**

Location: 1200 Severn Way, Dulles, VA 20166-8904, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: DDi Milpitas Corp. (CAGE Code: 0SFV5)**

Location: 1992 Tarob Court, Milpitas, CA 95035, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: DDi North Jackson Corp. (CAGE Code: 0GN71)**

Location: P.O. Box 216, 12080 DeBartolo Drive, N. Jackson, OH 44451, US

Plants:

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**Manufacturer and Supplier Location Information**

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**Manufacturer: DDi North Jackson Corp. (CAGE Code: 0GN71)**

Location: P.O. Box 216, 12080 DeBartolo Drive, N. Jackson, OH 44451, US

1. Plant: Same Address as Manufacturer

**Manufacturer: DDi Toronto Corp. (CAGE Code: 3AF82)**

Location: 8150 Sheppard Avenue East, Scarborough, Ontario M1B 5K2, Canada

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Delta Circuits, Inc. (CAGE Code: 1KTH8)**

Location: 26 Spielman Road, Fairfield, NJ 07004, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Delta-DVH Circuits (CAGE Code: 8U401)**

Location: Ambay Circuits, Inc. dba Delta-DVH Circuits, 16117 Leadwell Street, Van Nuys, CA 91406, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Dynamic and Proto Circuits, Inc. (CAGE Code: 38898)**

Location: 869 Barton Street, Stoney Creek, Ontario L8E 5G6, Canada

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Electro Plate Circuitry, Inc. (CAGE Code: 79616)**

Location: 1430 Century Drive, Carrollton, TX 75006, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Electrotek Corp. (CAGE Code: 66030)**

Location: 7745 S. 10th Street, Oak Creek, WI 53154, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Elreha Printed Circuits Corp. (CAGE Code: 59020)**

Location: 2510 Terminal Drive, S., St. Petersburg, FL 33712-1669, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Eltek, Ltd. (CAGE Code: S4451)**

Location: P.O. Box 159, Sgola Industrial Park, 49101 Petach-Tikva, Israel

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Endicott Interconnect Technologies, Inc. (CAGE Code: 3ECL3)**

Location: Dept. 0069/014-3, 1093 Clark Street, Endicott, NY 13760, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Firan Technology Group (CAGE Code: L2665)**

Location: 250 Finchdene Square, Scarborough, Ontario M1X 1A5, Canada

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Flexible Circuits, Inc. (CAGE Code: 22928)**

Location: 222 Valley Road, Warrington, PA 18976-2580, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: FTG Circuits, Inc. (CAGE Code: 30803)**

Location: 20750 Marilla Street, Chatsworth, CA 91311, US

Plants:

1. Plant: Same Address as Manufacturer

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Global Innovations Corp. (CAGE Code: 04RV5)**

Location: 901 Hensley Drive, Wylie, TX 75098-4909, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Gorilla Circuits (CAGE Code: 3C7D2)**

Location: 1145 Old Oakland Rd., San Jose, CA 95112, USA

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Graphic Plc (CAGE Code: U4538)**

Location: Lords Meadow Industrial Estate, CREDITON, Devon, EX17 1HN, UK

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Graphic Research, Inc. (CAGE Code: 5K529)**

Location: 9334 Mason Avenue, Chatsworth, CA 91311-5201, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Hamby Corporation (CAGE Code: 07284)**

Location: 27704 Avenue Scott, Valencia, CA 91355, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)**

Location: Leiterplattenschnelldienst, Clara-Immerwahr-Strabe 7, 24145 Kiel, Germany

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Holaday Circuits, Inc. (CAGE Code: 59554)**

Location: 11126 Bren Road, W., Minnetonka, MN 55343, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Hughes Circuits, Inc. (CAGE Code: 1KXU6)**

Location: 540 S. Pacific Street, San Marcos, CA 92078-4056, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: IMI, Inc. (CAGE Code: 78259)**

Location: 140 Hilldale Avenue, Haverhill, MA 01832-3830, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Integrated Technology, Ltd. (ITL) Circuits (CAGE Code: 38747)**

Location: 90 Don Park Road, Markham, On L3R 1C4, Canada

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Johns Hopkins University (CAGE Code: 88898)**

Location: Applied Physics Laboratory (APL), 11100 Johns Hopkins Road, Laurel, MD 20723-6099, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: KCA Electronics, Inc. (CAGE Code: 1VUH8)**

Location: 223 N. Crescent Way, Anaheim, CA 92801, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Lazer-Tech, Ltd. (CAGE Code: 38748)**

Location: 33 Milford Drive, Unit 1, Scarborough, Ontario, Canada M1B 2G6



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**Manufacturer and Supplier Location Information**

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**Manufacturer: Lazer-Tech, Ltd. (CAGE Code: 38748)**

Location: 33 Milford Drive, Unit 1, Scarborough, Ontario, Canada M1B 2G6

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Lockheed Martin Mission Systems & Training (CAGE Code: 03640)**

Location: 1801 State Route 17-C, Owego, NY 13827, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Metaplast Circuits, Ltd. (CAGE Code: 3AD63)**

Location: 180 Hymus Road, Scarborough, On M1L 2E1, Canada

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Micom Corp. (CAGE Code: 34076)**

Location: 475 NW Eighth Avenue, New Brighton, MN 55112, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Micropack, Ltd. (CAGE Code: SAL28)**

Location: Plot No. 16 Jigani Industrial Area, Anekal Taluk, Bangalore District 562 106, India

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Midwest Printed Circuits Services (CAGE Code: 0YYS4)**

Location: 1741 Circuit Drive, Round Lake Beach, IL 60073, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Multicircuits, Inc. (CAGE Code: 1BQS8)**

Location: 2301 Universal Street, Oshkosh, WI 54904-9146, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Multilayer Technology-JVB Electronics (CAGE Code: 0JKV9)**

Location: 3835 W. Conflans Road, Irving, TX 75061, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Murrietta Circuits, Inc. (CAGE Code: 0EJD7)**

Location: 5000 E. Landon Drive, Anaheim, CA 92807, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Netvia Group, LLC (CAGE Code: 67370)**

Location: 230 Irby Lane, Irving, TX 75061-7046, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: North Texas Circuit Board (CAGE Code: 5S424)**

Location: 1501 W. Shady Grove Road, Grand Prairie, TX 75050, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: OK Print Corp. (CAGE Code: SDR40)**

Location: 3-21-18 Higashi - Koigakubo, Kokubunji-Shi, Tokyo 185-0014, Japan

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: PCB Technologies, Ltd. (CAGE Code: S5725)**

Location: P.O. Box 631, Migdal, Haemek, 10556, Israel

Plants:

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**Manufacturer and Supplier Location Information**

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**Manufacturer: PCB Technologies, Ltd. (CAGE Code: S5725)**

Location: P.O. Box 631, Migdal, Haemek, 10556, Israel

1. Plant: Same Address as Manufacturer

**Manufacturer: Pho-Tronics, Inc. (CAGE Code: 79243)**

Location: 8701 West Bradley Road, Milwaukee, WI 53224-2817, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Pioneer Circuits, Inc. (CAGE Code: 65723)**

Location: 3000 S. Shannon Street, Santa Ana, CA 92704, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: PNC, Inc. (CAGE Code: 66766)**

Location: 115 East Centre Street, Nutley, NJ 07110, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Printca Denmark A-S (CAGE Code: R7016)**

Location: Svendborgvej 3, 9220 AalBorg Oest, Denmark

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Pro-Tech Interconnect Solutions LLC (CAGE Code: 3CP65)**

Location: 4300 Peavey Road, Chaska, MN 55318, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Prototron Circuits Southwest, Inc. (CAGE Code: 66108)**

Location: 3760 East 43rd Place, Tucson, AZ 85713, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: RJR Circuits, Inc. (CAGE Code: 66525)**

Location: 1830 South Bannock Street, Denver, CO 80223, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Rockwell Collins (CAGE Code: 0EFD0)**

Location: Division of Rockwell International, 460 Collins Road, N.E., Cedar Rapids, IA 52498-0001, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Sanmina-SCI (Costa Mesa) (CAGE Code: 3BKL5)**

Location: 2945 Airway Avenue, Costa Mesa, CA 92626, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Sanmina-SCI (Owego) (CAGE Code: 4GZ84)**

Location: 1200 Taylor Road, Owego, NY 13827, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Sanmina-SCI (San Jose) (CAGE Code: 3DR67)**

Location: 2050 Bering Drive, San Jose, CA 95131, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Sierra Proto Express (CAGE Code: 0ZHS4)**

Location: 1108 W. Evelyn Avenue, Sunnyvale, CA 94086, US

Plants:

1. Plant: Same Address as Manufacturer

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**Manufacturer and Supplier Location Information**

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**Manufacturer: South Coast Circuits (CAGE Code: 3CXW3)**

Location: 3506 W. Lake Center Drive, Suite A, Santa Ana, CA 92704, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Speedy Circuits, Inc. (CAGE Code: 66982)**

Location: 5331 McFadden Avenue, Huntington Beach, CA 92649-1204, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Streamline Circuits (CAGE Code: 3WUY3)**

Location: 1410 Martin Avenue, Santa Clara, CA 95050, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Thales Nederland B.V. (CAGE Code: H0203)**

Location: Department Bareboards & Substrates, Haaksbergerstraat 49, 7554RR Hengelo, The Netherlands

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: TTM Technologies (Santa Ana) (CAGE Code: 1WQ42)**

Location: 2630 South Harbor Boulevard, Santa Ana, CA 92704, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: TTM Technologies (Santa Clara) (CAGE Code: 65916)**

Location: Santa Clara Division, 400 Matthew Street, Santa Clara, CA 95050, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: TTM Technologies (Stafford) (CAGE Code: 5L706)**

Location: P.O. Box 145, 4 Old Monson Road, Stafford, CT 06075, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: U.S. Circuit, Inc. (CAGE Code: 66483)**

Location: 1526 Sterling Court, Escondido, CA 92029, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Unicircuit, Inc. (CAGE Code: 66311)**

Location: 8192 Southpark Lane, Littleton, CO 80120, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Valley Syncom Circuits (CAGE Code: 8W955)**

Location: 24940 Avenue Tibbitts, Valencia, CA 91355-3426, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Vermont Circuits, Inc. (CAGE Code: 65200)**

Location: P.O. Box 1890, 76 Technology Dr., Brattleboro, VT 05302, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Viasystems Corp. (CA) (CAGE Code: 0MHG5)**

Location: 355 Turtle Creek Court, San Jose, CA 95125-1316, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Viasystems Corp. (OR) (CAGE Code: 01KV9)**

Location: 1521 Poplar Lane, Forest Grove, OR 97116, US

**Manufacturer and Supplier Location Information**

**Manufacturer: Viasystems Corp. (OR) (CAGE Code: 01KV9)**

Location: 1521 Poplar Lane, Forest Grove, OR 97116, US

Plants:

- 1. Plant: Same Address as Manufacturer

**Manufacturer: Westak of Oregon (CAGE Code: 65745)**

Location: 3941 24th Avenue, Forest Grove, OR 97116-2297, US

Plants:

- 1. Plant: Same Address as Manufacturer

**Manufacturer: WR-ALC/MAIPL (CAGE Code: 0RCH2)**

Location: Avionics Management Directorate Production Div., 380 2nd Street, Suite 104, Robins AFB, GA 31098-1638, US

Plants:

- 1. Plant: Same Address as Manufacturer